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XAV-601BT

Smartphone connected 6.1" AV Receiver

Control smartphone features and apps directly from your receiver thanks to MirrorLink™ technology[6,7], which brings command of select audio, video and navigation features directly to the receiver's touchscreen display. Elevate your mobile experience with Bluetooth® technology[4], SiriusXM™ compatibility[3,7], Pandora® app control[5], dual USB inputs and CD/DVD playback[1].

Bullets

- Double DIN 6.1" WVGA Touch Screen Display
- MirrorLink™ enabled smartphone connectivity[6, 7]
- Telenav® GPS app[7] control for iPhone®[2]
- Pandora® internet radio control[5, 7]
- Integrated Bluetooth® with Simple Secure Pairing[4]
- Front rear USB in for iPod®[2], iPhone®[2] USB devices
- Firmware upgradable through the USB input
- 2 year warranty
- 5V front, rear and sub pre-amp out with HPF/LPF
- Passenger App Control for iPod®[2] and iPhone®[2]
- iPod®[2] and iPhone®[2] playback (with optional RC-202IPV)
- Advanced user interface with 3D screen visualizers
- DVD/CD and multiple digital file[1] playback
- SiriusXM™ satellite radio connector ready[3, 7]
- Dynamic Color Illuminator
- ZAPPIN™ music search feature
- Advanced Sound Engine with EQ7, iTA, CSO and RBE
- Dynamic Reality Amp with 52 Watts x 4 High Power
- Zone x Zone source output for rear seat entertainment
- 2 rear AV inputs and rear camera input
- SensMe™ app creates music channels for your mood[7]
- Digital Clarity Tuner with RDS
- External Hands Free mic included
- Convenient wireless remote (RM-X271)
- Steering wheel remote control input ready[8]

Features

6.1" Touch Screen Display

The detachable, high-resolution TFT (WVGA) 6.1" touch screen display will inform and entertain you. Gesture command and on-screen touch buttons make everything easier to control and separate audio and video power supply circuits provide added clarity. A carry case is also included to store the faceplate.

MirrorLink™ smartphone connectivity[6, 7]

MirrorLink™ technology[7] offers seamless connectivity between smart phones[6] and your XAV-601BT receiver. The technology is extremely simple to use: approved applications, content and controls are mirrored from the smartphone onto the receiver.

Telenav® app control[7] for iPhone®[2]

Simply connect your iPhone®[2] and launch you Telenav®[7] GPS app via USB input to the XAV-601BT and see directions on your receiver's screen while hearing them over the car speakers.

Pandora® Internet Radio Control[5]

Pandora® is the leading internet radio service, giving people music they love anytime, anywhere, through personalized radio stations. The XAV-601BT provides complete access to your Pandora account using your iPhone®, Android™ or Blackberry® phones[5].

Integrated Bluetooth® technology[4]

Easily take calls and stream audio with the XAV-601BT receiver featuring Bluetooth® technology[4]. Connect to compatible devices and choose between hands free phone access, phonebook access, Pandora® internet radio control[5] or audio streaming.

Dual USB 1-Wire Inputs

Connect, control and charge your Walkman®, iPod®[2], iPhone®[2] or other compatible USB devices while accessing your digital music files using the dual USB inputs. You can also view metadata like song title and artist on the front display.

Firmware upgradable with USB input

Easily upgrade the XAV-601BT's firmware. Use a PC to download updates from Sony® support to a flash drive and load them on your receiver via the USB input.

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2 year warranty

The XAV-601BT includes a comprehensive 2 year warranty.

5V RCA outputs for system expansion

When you're ready to expand your system, the XAV-601BT delivers a robust 5 volts to front, rear and subwoofer RCA pre-amp outputs for external amplifiers. The adjustable subwoofer level control also lets you dial in the bass when you're ready to pump it up.

Passenger App Control[7]

Connect your iPhone®[2] or iPod® Touch[2] via the optional RC-202IPV cable to display compatible app content on the XAV-601BT receiver's display and control the app directly from your iPhone or iPod Touch with passenger app control[7].

iPod®[2] and iPhone®[2] content playback

Playback audio/video from most iPod®[2] models via the optional RC-202IPV video cable. Also view stored album artwork during audio playback on the screen of the XAV-601BT receiver.

Advanced Response User Interface

Select between 2D or 3D icons and screen visualizers and enjoy fast touch screen response when selecting sources, transitioning between menu screens and searching through your USB music content.

Plays DVDs/CDs and digital files[1]

Multi-format playback[1] lets you play MP3, WMA, AAC music files, JPEG's or MP4 videos.

SiriusXM™ Satellite radio ready[3]

The on-board SiriusXM™ connector[3] simplifies satellite radio installation by eliminating compatibility issues and providing direct connection to the new platform of tuners.

Variable Color Illumination

Match your radio's button illumination with over 35,000 colors to complement your existing vehicle lighting components with the Dynamic Color Illuminator™.

Intuitive ZAPPIN™ search feature

Use the ZAPPIN™ feature can play 6, 15, or 30 second intro clips to help you find a specific song.

Custom sound settings with EQ7

The Advanced Sound Engine uses EQ7 equalizer, adjustable LPF/HPF crossovers, Listener Position calibration, DM+ advanced sound restoration, Rear Bass Enhancer, and Dynamic Loudness volume leveler to deliver an impressive listening experience.

Powerful in-dash amplification

The internal Dynamic Reality Amp delivers 52 watts x 4 to your interior speakers, allowing you to crank up the volume while maintaining low distortion, low noise levels and smooth frequency response. Your music isn't just louder, its clearer too.

Zone x Zone for rear seat playback

Zone by Zone control allows users to independently select between sources for the front seat passengers while enabling separate DVD playback for rear seat passengers when connected to additional rear seat video monitors (sold separately).

Auxiliary Audio/Video inputs

Two dedicated rear auxiliary AV inputs provide additional AV source playback and a connection for the Sony® XA-800C rear view camera (sold separately) for visibility when backing up, especially with larger trucks or SUVs.

SensMe™ Music App

SensMe™ application can organize your music into playlists that perfectly match your mood, scene and location, making it easier to choose the music that fits the moment. SensMe uses proprietary 12-tone analysis to look at tempo, rhythm ratios and number of notes to help differentiate similar music files.

The immaculate reception

The Digital Clarity Tuner delivers industry leading signal to noise ratios, lower interference, better multipath rejection and better stereo separation. The RDS feature displays broadcast information when listening to compatible AM/FM stations.

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Specifications

Amplifier Section	
Max power output	52 watts x 4 at 4 ohms
Speaker Impedance	4-8 Ohms
Amp General Feature	
Aux-In	Yes (Rear A/Vx2)
EQ	7 Band EQ
High Voltage Pre Out	Yes - 5 volt
Audio	
Band	AM / FM
Equalizer	EQ7: 7 band EQ with +/- 6 dB adjustment at: 63, 160, 400, 1000, 2500, 6300 and 16000 Hz
Format(s) Supported	MP3/WMA/AAC/JPEG/MP4/XviD files[1]
Frequency Response	DVD / CD: 10-20,000 Hz
Preout Impedance	100 ohms
Preout Voltage	5 volt
S/N Ratio	Audio Power: CEA2006 S/N 80 dBA
Signal-to-Noise Ratio (dB)	DVD/CD Player: 120dB
Station Preset(s)	18 FM / 12 AM
Tuner Frequency Range	FM: Tuner Frequency Range(MHz): 87.5-107.9 AM: Tuner Frequency Range(kHz): 530-1710
Tuner Type	SSIR-EXA with RDS
Wow and Flutter	Below measurable limit
Bluetooth Feature	
# of records connected	9 (HFP+Audio)
Call History (# of)	Yes (20 numbers)
Call Volume Level Control	Yes
Connection Status (maximum #)	2 devices (1HFP/PBAP+1Audio) or (1 OPP)
DTMF	Yes
Echo/Noise Canceller	Yes (EC/NC Mode)
External microphone	Supplied
Internal Ringtone	1 (Sony Ericsson PCM)
Last dialed call	Yes (select from the dialed call history)
MIC GAIN Adjustment	Low/Mid/High
Phonebook (Built in)	2500 numbers (500 x 5 phones)
Phonebook Access via PBAP	Yes
RF ON/OFF	Yes
ring alert select	Yes (Selectable: cellular/ default (Head Unit))
ring volume level control	Yes
speed dial	Yes (6x1=6 memories)
TEL out channel	Front
Bluetooth Audio Feature	
Audio Codec	SBC/MP3
Audio Level Adjustment	Yes(-8dB to +18dB)
CUE/REV	yes
Meta Data Indication	yes
PAUSE	Yes
TRACK +/-	Yes
BT Spec.	
Secure Simple Pairing	yes
Version	Bluetooth Version 2.1
Convenience	
Tilt Range	0-45° mounting angle
Convenience Features	
CD Text Display	CD/MP3/WMA/AAC data displayed
Dimmer Adjust	Selectable Auto/on/off
Key Illumination	Variable Key Illumination
On-Screen Clock	12H
Display	
Display Technology	TFT (WVGA)
Text Displayed	Source, artist, album, track, playback time, menu and clock
USB Mass Strage Device Control Feature	
Pause	Yes
Shuffle	OFF/ON
ZAPPIN	Yes
General	
CEA2006 output power	17
CEA2006 S/N	80
Preout output level (V)	5
Other features	
Device Name	Sony Automotive
SMS Indication	Yes
Profile	
A2DP	Yes
AVRCP	Yes(1.3)
HFP	Yes
OPP	Yes
PBAP	Yes
SPP	Yes

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Tuner Feature	
Preset	FM18/AM12
RDS/EON (NA Only:RBDS, Others:RDS)	Yes
Video	
Panel Type	6.1" TFT Active Matrix LCD Color Monitor
Picture Modes	Normal, Wide, Full and Zoom
Resolution	800 x 480
Video Features	
Color System	NTSC / PAL / SECAM / PAL-M

1. Not all files may play back due to file variations. Copy-protected ACC-LC files not supported.

2. Compatible with iPod®with video, iPod Classic®, iPod nano® 1st through 5th gen., iPod Touch® 1st 2nd gen., iPhone®, iPhone 3G, iPhone 3GS, iPhone 4 and iPhone 4S. Passenger control not available for iPod nano 1st gen. or iPod with video.

3. Requires satellite radio tuner and service subscription, sold separately.

4. Interoperability and compatibility among Bluetooth® devices vary.

5. Works with iPhone® 3G, 3GS, 4 and 4S via USB port, and compatible Blackberry® and Android™ based smartphones via Bluetooth®.

6. MirrorLink™ enabled smartphone required. MirrorLink is a technology standard developed by the Car Connectivity Consortium (CCC) that allows consumers to use their smartphone in a car without looking at or touching their phone. The technology achieves this through two-way communication between the smartphone and the in-vehicle infotainment system. CCC-approved applications and content are mirrored from the mobile device onto the automotive in-dash receiver.

7. Feature is subject to change or termination without notice. Subscription, fee and/or PC registration may be required.

8. Compatibility varies as not all vehicles are compatible; please consult with each interface manufacturer for details.

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